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(54) **CIRCUIT AND OPERATING METHOD FOR
 INTEGRATED INTERFACE OF PDA AND
 WIRELESS COMMUNICATION SYSTEM**

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This patent is subject to a terminal dis-
 claimer.

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(52) **U.S. Cl.** **713/300; 713/330; 713/340;**
710/62; 710/100

(58) **Field of Classification Search** 713/300,
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 See application file for complete search history.

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(57) **ABSTRACT**

A circuit for an integrated interface of a PDA and a wireless communication system is suitable for integrating the PDA and the wireless communication system. The circuit includes a first serial port has two terminals, in which one of the two terminals is electrically connected to the PDA, and another one of the two terminals is electrically connected to the wireless communication system. The first serial port is used to bi-directionally transmit a control signal between the PDA and the wireless communication system. A second serial port has two terminals, in which one of the two terminals is electrically connected to the PDA, and another one of the two terminals is electrically connected to the wireless communication system. The second serial port is used to bi-directionally transmit data between the PDA and the wireless communication system.

21 Claims, 7 Drawing Sheets

